**Specification Sheet**

Boron Nanopowder Crystalline  
(B, Purity: 99.5%, APS: < 80nm)  
Stock No: NS6130-12-000031, CAS: 7440-42-8

<table>
<thead>
<tr>
<th><strong>Product</strong></th>
<th><strong>Boron Nanopowder Crystalline</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock No</td>
<td>NS6130-12-000031</td>
</tr>
<tr>
<td>CAS</td>
<td>7440-42-8</td>
</tr>
<tr>
<td>Purity</td>
<td>99.5%</td>
</tr>
<tr>
<td>APS</td>
<td>&lt; 80nm</td>
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<tr>
<td>Molecular Formula</td>
<td>B</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>10.81g/mol</td>
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<tr>
<td>Form</td>
<td>Powder</td>
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<tr>
<td>Color</td>
<td>Light Brown</td>
</tr>
<tr>
<td>Density</td>
<td>2.34 g/mL at 25 °C(lit.)</td>
</tr>
<tr>
<td>Melting Point</td>
<td>2,076 °C</td>
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<tr>
<td>Boiling Point</td>
<td>3927 °C</td>
</tr>
<tr>
<td><strong>Main Inspect Verifier</strong></td>
<td><strong>Manager QC</strong></td>
</tr>
</tbody>
</table>

**Note:** Product Specification are subject to amendment and may change over time
Characterization of Boron Nanopowder Crystalline

Particles Size Analysis